



US Environmental Protection Agency Radiological Emergency Response Team

Las Conchas Fire Air Sampler Locations July 1, 2011

Location 1.

Santa Clara Events Center
460 N. Riverside Drive
Santa Clara, NM
N 35 degrees 59.818 min, W 106 degrees 03.994 min.

Location 2.

Santa Clara Outlook
Dirt road off Highway 602
Santa Clara, NM
N 35 degrees 57.762 min, W 106 degrees 11.781 min.

Location 3.

Black Mesa Golf Course
115 State Road 399
Santa Clara, NM
N 35 degrees 57.614 min, W 106 degrees 03.235 min.

Location 4.

Buffalo Thunder Casino
30 Buffalo Thunder Trail
Santa Fe, NM 87506
N 35 degrees, 51.739 min, W 105 degrees 59.818 min

Location 5.

Valley Veterinary Clinic
99 Loma Viega Lane
Santa Fe, NM
N 35 degrees 54.217 min, W 106 degrees, 01.109 min.

Location 6.

San Ildefonso Pueblo
445 Battleship View Rd.
San Ildefonso, NM
N 35 degrees, 54.459 min, W 106 degrees, 08.194 min.

Location 7.
Espanola Hospital
1010 Spruce Street
Espanola, NM
N 35 degrees, 59.811 min, W 106 degrees, 5.246 min.

Location 8.
Runnels State Office Building
1190 St. Francis Drive
Santa Fe, NM
N 35 degrees, 40.296 min, W 105 degrees, 57.370 min

Location 9.
Cuba Volunteer Fire Department
16B East Cordova Street
Cuba, NM
N 36 degrees, 00.762 min, W 106 degrees 57.709 min.

Location 10.
US Army Corps of Engineers
4734 Hwy. 96
Abiqui, NM
N 36 degrees, 14.436 min, W 106 degrees, 25.699 min.

Location 11.
Water Sanitation District
827 State Highway 22
Pena Blanca, NM
N 35 degrees, 34.411 min, W 106 degrees, 20.076 min.

Location 12.
Cochiti Town Hall (Cochiti Pueblo)
6515 Hoochaneetsa Blvd, Suite A
Cochiti Lake, NM
N 35 degrees, 38.789 min, W 106 degrees, 20.159 minutes

Air Sampler Notes: The RERT samplers are 4" particulate filters utilizing glass fiber filters. Nominally, the flow rate is set to about 15 cfm, and we will monitor performance on the units to see how much particulate loading occurs. For laboratory analysis, it is best to have the largest volume possible in the sampling time frame, and we have already noticed pressure drops on the samplers due to particulate loading (smoke particles). We may reduce the flow in the coming days to account for this.

The plan is to pull the first samples Saturday morning and transfer them to EPA Region 6 START who will ship them to the contract laboratory, Eberline Laboratories in Oak Ridge, TN. Due to shipping issues (holiday weekend) and laboratory analysis times, the full suite of analyses probably won't be finished until late next week.

RERT is staging from the Espanola Guard Armory, 2011 Industrial Park Road, Espanola, NM. Google Maps shows this location incorrectly – it is about ¼ mile further west.